



ENVIRONMENTAL LABELS ACCORDING TO ISO 14021 SELF-DECLARED ECOLOGICAL PROPERTIES

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Description: CERAMIC VENTILATED FAÇADE SYSTEM

1.- Material / product and company description

<i>Description:</i>	Ceramic extruded tiles
<i>Manufacturer / supplier</i>	Ceram System S.L.
<i>Address:</i>	<i>Ctra. Herrera de los Navarros, km 1.5 50450 Muel (Zaragoza), Spain.</i>
<i>Contact:</i>	Mr. Alberto Lorenz +34 976 140 311

2.- Manufacturing and Distribution

1. The raw materials used to manufacture the tiles are 100% natural (clay, natural enamels, and water), and abundantly available. Ceram System also uses environmental production process which minimizes the impact of the process on the environment.
2. Faveton optimized the thermal output with a three floors drying, by this way we introduce the maximum capacity of material with the same consume. All glaze materials are without plumb.
3. Concerning the oven, Faveton contributes to Kyoto Protocol which objective is reducing emission of gases of green house effect who cause the Global Warning.
4. The tiles are supplied cut-to-size and may be further cut on site and off-cuts may be also being installed, thereby contributing to very little construction waste. During

production also, the wastage and off-cuts are recycled into the process like tiesto and therefore very little waste is generate.

5. All water of the production process is treating in sewage treatment plant, with this Faveton avoid the extra consume of water.

3.- Use

1. Low absorption. Like consequence reduce the penetration/impact of pollution on tiles.
2. Extremely high density of the tiles(2,33 g/cm³).
3. Extremely high resistance to UV (level 0 as per UNE- EN ISO 11507.2002) like consequence slower “ageing” process of tiles.
4. The tiles don’t emit any hazardous gases, and therefore have no adverse impact on local environment and outdoor air quality.
5. Faveton system offer specifically benefits for Green Architecture:
The ventilated system of installation couples with the coefficient of thermal transittance of the tiles reduces the solar heat gain of the building, thereby reducing the capital expenditure and running cost of **HVAC** (Heating, Ventilating, and Air Conditioning).
 - a. Frost resistance.
 - b. Energy savings for building.
 - c. Zero maintenance. No ageing with pollution.
 - d. Low water absortion.

4.- End of life

1. Faveton system is a simply way to assembly and disassembly. It is possible to reuse the entire tiles at the end of building’s life. It means that Faveton cycle of life is older than the own building.
2. Faveton tiles are therefore delivered with a 25 years warranty against any manufacturing defects or deviations from the specified ISO norms.

5.- Further information

Further information about this product can be obtain from:

Alberto Lorenz

Ctra. Herrera de los Navarros, km 1.5

50450 Muel (Zaragoza), Spain.

+34 976 140 311

Alberto Lorenz

Faveton Quality Manager